

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L37 | 54 | ("3577772" "3771116" "4068234" "4119940" "4288866").PN. OR ("4456982").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:06 |
| L35 | 60 | ("4712037" "5040537" "5111823" "5115809" "5190766" "5195520" "5215680" "5219401" "5255683" "5358466" "5379642" "5380411" "5410205" "5410516" "5417214" "5425366" "5433207" "5438554" "5456255" "5456257" "5469849" "5479926" "5482046" "5523058" "5526816" "5558092" "5560364" "5577505" "5579768" "5579770" "5580575" "5601086" "5608690" "5617862" "5632277" "5640959" "5675554" "5678554" "5696737" "5706819" "5724976" "5740128" "5833613" "5833614" "5913823" "6045506").PN. OR ("6193659").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:06 |
| L32 | 62 | ("2920306" "2981928" "2989726" "3185958" "3221298" "3259878" "3288243" "3326320" "3332511" "3332512" "3363720" "3375896" "3386525" "3516510" "3523277" "3578102" "3786409" "3789951" "3883725" "3885225" "3895343" "3984805" "4042910" "4064481" "4159463" "4168485" "4295213").PN. OR ("4823326").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:05 |
| L31 | 13 | ("4809235" "5703833" "5721710").PN. OR ("6161076").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:05 |

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| L29 | 12 | ("5038614" "5231866" "5531099" "5544074"). PN. OR ("6138512"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:05 |
| L26 | 68 | ("3953825" "4016750" "4140022" "4395912" "4403311" "4403314" "4446740" "4456982" "4458342" "4550607" "4699009" "4870971" "4974558" "5014712" "5105814" "5113706" "5142649" "5218869" "5228007" "5235982" "5301674" "5322068" "5608690").PN. OR ("5696737").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:05 |
| L24 | 34 | ("3332511" "3885225" "4159463" "4545039" "4608673" "4646274" "4707812" "4715020" "4823326" "4982374" "5000285" "5550786"). PN. OR ("5721710"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 15:05 |
| L20 | 191 | 324/337.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 15:04 |
| L19 | 599 | 324/323.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 15:04 |
| L18 | 286 | 367/40.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 15:03 |
| L17 | 193 | 367/41.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 15:03 |

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|------|------|---|--|----|----|------------------|
| L10 | 485 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and (impulse same correlat\$4) and (acoustic or seismic or EM or electromagnetic or sonic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 15:00 |
| L3 | 1665 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and correlat\$4 and (acoustic or seismic or EM or electromagnetic or sonic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 14:59 |
| L2 | 3919 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and correlat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 14:59 |
| S183 | 7 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and eigenfrequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:14 |
| S182 | 0 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and eignefrequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:14 |
| S181 | 6516 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:12 |
| S180 | 9 | ("4042910" "4159463" "4715020" "4823326" "4969129" "5410517" "5721710" "6161076"). PN. OR ("6813566"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |

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| S179 | 72 | ("3953825" "4016750" "4140022" "4395912" "4403311" "4403314" "4446740" "4456982" "4458342" "4550607" "4699009" "4702258" "4712037" "4714846" "4865042" "4870971" "4974558" "5014712" "5040537" "5105814" "5111823" "5113706" "5115809" "5142649" "5190766" "5195520" "5215680" "5218869" "5219401" "5228007" "5235982" "5255683" "5301674" "5322068" "5358466" "5380411" "5410205" "5410516" "5417214" "5425366" "5433207" "5438554" "5456255" "5456257" "5469849" "5479926" "5482046" "5523058" "5526816" "5540909" "5558092" "5560364" "5577505" "5579768" "5579770" "5580575" "5601086" "5608690" "5617862" "5628322" "5632277" "5675554" "5678554" "5696737" "5724976" "5740128" "6005827").PN. OR ("6226228").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S178 | 9 | ("4042910" "4159463" "4715020" "4823326" "4969129" "5410517" "5721710" "6161076"). PN. OR ("6813566"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S177 | 62 | ("2920306" "2981928" "2989726" "3185958" "3221298" "3259878" "3288243" "3326320" "3332511" "3332512" "3363720" "3375896" "3386525" "3516510" "3523277" "3578102" "3786409" "3789951" "3883725" "3885225" "3895343" "3984805" "4042910" "4064481" "4159463" "4168485" "4295213").PN. OR ("4823326").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |

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| S176 | 64 | ("4154113" "4155258" "4155259" "4155260" "4180790" "4217684" "4425525" "4441503" "4456982" "4470303" "4470305" "4569231" "4662223" "4669314" "4809184" "4835689" "4839652" "4886069" "4896287" "4983970" "5005419" "5014712"). PN. OR ("5142649"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S175 | 68 | ("3953825" "4016750" "4140022" "4395912" "4403311" "4403314" "4446740" "4456982" "4458342" "4550607" "4699009" "4870971" "4974558" "5014712" "5105814" "5113706" "5142649" "5218869" "5228007" "5235982" "5301674" "5322068" "5608690"). PN. OR ("5696737"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S174 | 34 | ("3332511" "3885225" "4159463" "4545039" "4608673" "4646274" "4707812" "4715020" "4823326" "4982374" "5000285" "5550786"). PN. OR ("5721710"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S173 | 20 | S166 and (simultaneous\$ with (emit or emission or transmit or transmission)) and (seismic or acoustic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S172 | 111 | S166 and (simultaneous\$ with (emit or emission or transmit or transmission)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S171 | 1 | S166 and (eigenfrequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S170 | 300 | 367/138.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |

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|------|------|---|--|----|----|---------------------|
| S169 | 197 | 181/105.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S168 | 544 | 367/25.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S167 | 1 | 367/38.ccls. and fink.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S166 | 382 | wave\$2 and (frequency with band) and orthogonal\$4 and (correlat\$4 same (impulse adj response)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S165 | 2252 | wave\$2 and frequency and orthogonal\$4 and correlat\$4 and (impulse adj response) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S164 | 984 | acoustic and impulse and orthogonal and coding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S163 | 95 | seismic and impulse and orthogonal and coding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S162 | 6 | acoustic and (impulse adj response) and (gate adj function) and frequency | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S161 | 85 | "181"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S160 | 566 | "367"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

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| S159 | 22 | (S154 S155 S156 S157) and frequency and emit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S158 | 129 | S154 S155 S156 S157 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S157 | 3 | folegot.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S156 | 88 | julia.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S155 | 3 | Rosny.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S154 | 44 | Fink.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S153 | 15 | DORT and (impulse adj response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S152 | 8407 | (impulse adj response) and frequency and orthogonal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S151 | 0 | (impulse adj reponse) and frequency and orthogonal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

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| S150 | 4 | Fink.in. and julia.in. and folegot.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S149 | 27 | S148 not breed.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S148 | 63 | seismic and (impulse adj response) and orthogonal and coding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S147 | 1 | 367/38.ccls. and fink.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S146 | 0 | seismic and (impulse adj response) and orthogonal and coding and fink.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S145 | 63 | seismic and (impulse adj response) and orthogonal and coding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S144 | 95 | seismic and impulse and orthogonal and coding | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S143 | 4 | "5696737".pn. "5721710".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S142 | 219 | (borehole or wellbore) and sonar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S141 | 40 | (impulse adj response) and (gate adj function) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

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|------|------|---|--|----|----|------------------|
| S140 | 6 | (impulse adj response) same (gate adj function) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S139 | 2 | "4949316".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S138 | 4 | S136 S137 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S137 | 2 | "5721710".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S136 | 2 | "6442489".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S135 | 548 | impulse and response and acoustic and eigen\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S134 | 143 | acoustic and (correlation with signal with gate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S133 | 6 | acoustic and (impulse adj response) and (gate adj function) and frequency | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S132 | 1801 | acoustic and (impulse adj response) and gate and function | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S131 | 1 | Hossack.in. and correlat \$4 and beamformer and gate | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S130 | 48 | Hossack.in. and correlat \$4 and beamformer | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S129 | 285 | Hossack and correlat \$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S128 | 1 | 367/138.ccls. and monochromatic | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |

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| S127 | 189 | (acoustic with monochromatic) | US_PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S126 | 442 | (acoustic same monochromatic) | US_PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S125 | 54 | ("3577772" "3771116" "4068234" "4119940" "4288866").PN. OR ("4456982").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S124 | 2 | "4456982".pn. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S123 | 3 | "4167879".pn. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S122 | 27 | "3885225" | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S121 | 21 | "3885825" | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S120 | 18 | S119 and (impulse with response) | US_PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S119 | 54 | ("3577772" "3771116" "4068234" "4119940" "4288866").PN. OR ("4456982").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S118 | 5 | S116 S117 | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S117 | 2 | "4456982".pn. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S116 | 3 | "4167879".pn. | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

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|------|------|---|---|----|----|---------------------|
| S115 | 20 | "4167879" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S114 | 22 | (S109 S110 S111 S112) and frequency and emit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S113 | 129 | S109 S110 S111 S112 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S112 | 3 | folegot.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S111 | 88 | julia.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S110 | 3 | Rosny.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S109 | 44 | Fink.in. and impulse and response | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S108 | 15 | DORT and (impulse adj response) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S107 | 5988 | DORT | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S106 | 300 | 367/138.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |

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| S105 | 68 | ("3953825" "4016750" "4140022" "4395912" "4403311" "4403314" "4446740" "4456982" "4458342" "4550607" "4699009" "4870971" "4974558" "5014712" "5105814" "5113706" "5142649" "5218869" "5228007" "5235982" "5301674" "5322068" "5608690").PN. OR ("5696737").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S104 | 34 | ("3332511" "3885225" "4159463" "4545039" "4608673" "4646274" "4707812" "4715020" "4823326" "4982374" "5000285" "5550786").PN. OR ("5721710").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/04 13:09 |
| S103 | 405 | 367/38.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S102 | 4 | (S100 S101) and eigenfrequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S101 | 85 | "181"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S100 | 566 | "367"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S99 | 197 | 181/105.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S98 | 544 | 367/25.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

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| S97 | 62 | S95 and dispersion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S96 | 1 | S95 and (temporal adj dispersion) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S95 | 613 | S93 S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S94 | 85 | "181"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S93 | 566 | "367"/\$.ccls. and (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S92 | 32397 | (impulse adj response) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |
| S91 | 1 | (impulse adj reponse) and frequency | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/04 13:09 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|-----------------------------|------------------|---------|------------------|
| L22 | 362 | 324/323.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:04 |
| L21 | 169 | 324/337.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:04 |
| L16 | 153 | 367/41.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:02 |

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|-----|------|---|-----------------------------|----|----|------------------|
| L15 | 198 | 367/40.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:02 |
| L14 | 456 | 367/25.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:02 |
| L13 | 377 | 367/38.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:01 |
| L12 | 99 | 11 and impulse | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:01 |
| L11 | 2611 | fin.in. rosny.in. julia.in. folegot.in. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:00 |
| L9 | 505 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and (impulse same correlat\$4) and (acoustic or seismic or EM or electromagnetic or sonic) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:00 |
| L8 | 1020 | electromagnetic and impulse and orthogonal and coding | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:00 |
| L7 | 1027 | acoustic and impulse and orthogonal and coding | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 15:00 |
| L6 | 95 | seismic and impulse and orthogonal and coding | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 14:59 |
| L5 | 398 | wave\$2 and (frequency with band) and orthogonal \$4 and (correlat\$4 same (impulse adj response)) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 14:59 |
| L4 | 1715 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and correlat\$4 and (acoustic or seismic or EM or electromagnetic or sonic) | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 14:59 |
| L1 | 4101 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and correlat\$4 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 14:57 |

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|------|------|---|-----------------------|----|----|------------------|
| S185 | 7 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency and eigenfrequency | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 13:14 |
| S184 | 6777 | (impulse adj response) and (orthogonal or ("90" or ninety) with degrees) and amplitude and frequency | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/04 13:13 |

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